Grant Funded Benefits Realized by
Enterprise Security and Risk Management Office
For the State of North Carolina
Status as of December 17, 2010

Mission Statement

The Office of the State Chief Information Officer's Enterprise Security and Risk Management Office (ESRMO) provides leadership in the development, delivery and maintenance of an information security and risk management program that safeguards the state's information assets and the supporting infrastructure against unauthorized use, disclosure, modification, damage or loss. The ESRMO supports a comprehensive statewide program that encompasses information security implementation, monitoring, threat and vulnerability management, cyber incident management, and enterprise business continuity management. The ESRMO works with executive branch agencies to help them comply with legal and regulatory requirements, the statewide technical architecture, policies, industry best practices, and other requirements. Working with state agencies, federal and local governments, citizens and private sector businesses, ESRMO helps to manage risk to support secure and sustainable information technology services to meet the needs of our citizens.

The grant funded initiatives and services listed below support the execution of our mission.

Grants
Community Cyber Security Maturity Model (CCSMM)
FY2010-2011 (DHS Funded) Value: ~$750,000/yr; $1,500,000/program

The Center for Infrastructure Assurance and Security (CIAS) provides cyber security training to state and municipal leaders across the country, "If there ever is a cyber attack on the United States, the first response will have to come from the local community level and the CIAS is helping communities to prepare for such an event. Nobody else in the country is doing this kind of work and it is absolutely critical." This grant supports cyber security improvements in the state's two major metropolitan areas, Charlotte and Raleigh-Durham.

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Intergovernmental Preparedness for Essential Records (IPER)
FY 2010 – 2011 (FEMA funded)   Value: ~$52,000/program

IPER is a $2.6 million FEMA funded grant administered by the Council of State Archivists (CoSA) in all 50 states and US territories to deliver training to state and local governments that will prepare them to protect essential records before, during, and after disasters and other emergencies.

North Carolina State Archives directs the IPER program administration in North Carolina. The the Office of Information Technology Services is a partner supporting the information technology aspects of the program administration.

Multi State-Information Sharing and Analysis Center (MS-ISAC)
Grant to States (DHS funded)   Value: ~$200,000/year

The MS-ISAC contracts with the US Department of Homeland Security to serve as the ISAC for the nation's state, local, territorial and tribal (SLTT) governments and is the focal point for cyber threat prevention, protection, response and recovery for SLTT governments. The MS-ISAC provides a number of products and services at no charge to the State of North Carolina. The MS-ISAC enables ESRMO to operate the NC-ISAC offering advice and support to NC state agencies and local governments on cyber security matters.

The estimated value of these products and services is $200,000/year for the state of North Carolina (includes $80,000 for twelve months of cyber security monitoring services for the State network and the Town of Cary's network).

In addition, there is an immeasurable benefit to NC in terms of enhanced situational awareness provided by the collective intelligence of the MS-ISAC and cost avoidance of potential cyber incidents being prevented as a result of improved awareness, prevention and detection capabilities.

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MS-ISAC Products and Services Provided to State of North Carolina

1. Annual General Meeting for two participants + a local government representative and annual committee member meetings.

2. Monthly Conference Call Meetings (Workgroup Outputs, Subject Matter Expert presentations on cyber security issues, Members-Only Briefings)

3. Secure Portals (NC-ISAC, MS-ISAC)

4. Monthly Microsoft Patch Calls

5. Incident Response Resources (Malware Examinations, Information Sharing, Alerts, Threats and Warnings)

6. Notifications on hacked/problem systems/keylogger data

7. Cyber Security Awareness Month Materials (Annual—includes printed and electronic materials branded for the State of North Carolina for broad distribution to end users across the state)

8. Monthly newsletters and Bi-Monthly Webinars

9. Coordination with US-CERT (daily and weekly calls with US CERT, MS ISAC and Critical Industry sectors for situational awareness and incident response coordination)

10. Executive and Administrative Support

Estimated Total Value of Current Grant Funds Supporting Information Security Programs: ~$1,002,000/year - $1,752,000

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Specialized Training

Sep 2010: COOP Planner's Workshop (TTT)
(1 staff)   (FEMA funded) Value: ~$400

The Continuity of Operations (COOP) Planner's Workshop is to provide COOP training for Continuity Planners at the Federal, State, Territorial, Local, and Tribal levels of government. Federal Continuity Directive (FCD) 1 directs the Federal executive branch departments and agencies and offers guidance for non-federal, in governments for developing COOP Plans and Programs. COOP Plans facilitate the performance of essential functions during any situation which may disrupt normal operations. The goal of this workshop is to provide you with the tools and hands-on experience necessary to improve your departments' or agencies' Continuity of Operations (COOP) plans. This training includes a train-the-trainer module to equip planners to facilitate the course to others.

August 2010: Government Forum of Incident Response and Security Teams (GFIRST) (1 Staff)   (DHS funded) Value: ~$1000

GFIRST is a group of technical and tactical practitioners from incident response and security response teams responsible for securing government information technology systems and providing private sector support. GFIRST members work together to understand and handle computer security incidents and to encourage proactive and preventative security practices across government agencies. GFIRST promotes cooperation among the full range of Federal, State and local agencies, including defense, civilian, intelligence, and law enforcement. Topics address the latest in cyber security news and trends as seen by government agencies, law enforcement, private sector and academia.

Aug 2009: Continuity of Operations (COOP) Program Managers (TTT)
(5 staff)   (FEMA Funded) Value: ~$400/student; $2000 total

This course is designed to acquaint experienced COOP practitioners and instructors with the Continuity of Operations (COOP) Managers course materials. The objectives include defining COOP, explaining the benefits of a viable COOP program and plan, identifying elements of a viable COOP program, identifying processes, resources, and tasks necessary to implement and manage a successful COOP program. The course will also refresh experienced instructors on

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Mar 2009: FEMA National Continuity of Operations Strategic Planning Conference (1 staff)   (FEMA Funded) Value: ~$1,436

An effort to strengthen continuity at all levels of government, the goal of the conference was to share new information on continuity policy, facilitate an exchange of ideas and experiences, and ensure agencies have innovative tools and resources necessary to perform their mission effectively. The Office of Information Technology Services jointly represented NC along with the Department of Environmental and Natural Resources and the CPS/NCEM.

Estimated Total Value of Grant Funded Specialized Training: $4,836.00

Grant Request in Progress
FY2011 Homeland Security Grant Program
(DHS Funded) Value: ~$153,115

Upgrades to physical security at state data centers and network monitoring.

Pending final approval and release of funds in mid 2011.

Prior Years Grants and Benefits
FY2007 - Homeland Security Grant Program
(DHS Funded) Value: $162,779

Security measures for the NC Western Data Center